

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065120005-0

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CIA-RDP86-00513R002065120005-0"

ZIKMANE, Vita; ROZENBERGA, R., red.; LEMBERGA, A., tekhn. red.

[Tuberculosis and the way of life] Tuberkuloze un dzives  
veids. Riga, Latvijas valsts izd-va, 1962. 55 p.  
(MIRA 17:2)

ZIKMANE, Vita, ROZENBERGA, R., red.; LEMBERGA, A., tekm., red.

[Tuberculosis and mode of living] Tuberkuloze un dzives  
veids. Riga, Latvijas PSR Zinatnu akad. izdevnieciba,  
1962. 55 p. (MIRA 16:5)

(TUBERCULOSIS)

ZIKMANE, Z. (Riga)

Course of experimental tuberculosis in the naturally resistant organism. Report II. Comparison of some tuberculous inoculation forms in white rats. Vestis Latv ak no.4:151-154 '60.  
(EEAI 10:7)

1. Latvijas PSR Zinatnu akademija, Mikrobiologijas instituts.  
(TUBERCULOSIS)

ZIMOGLYAD, N.A., assistant.

Prognostic significance of phlebotonometry in some diseases of  
the internal organs in horses. *Sbor. trud. Khar' .vet. inst.* 20:  
194-199 '49. (MLRA 9:11)  
(Blood pressure) (Cardiovascular system--Diseases)

ZIMOGLYAD, N.A., assistant.

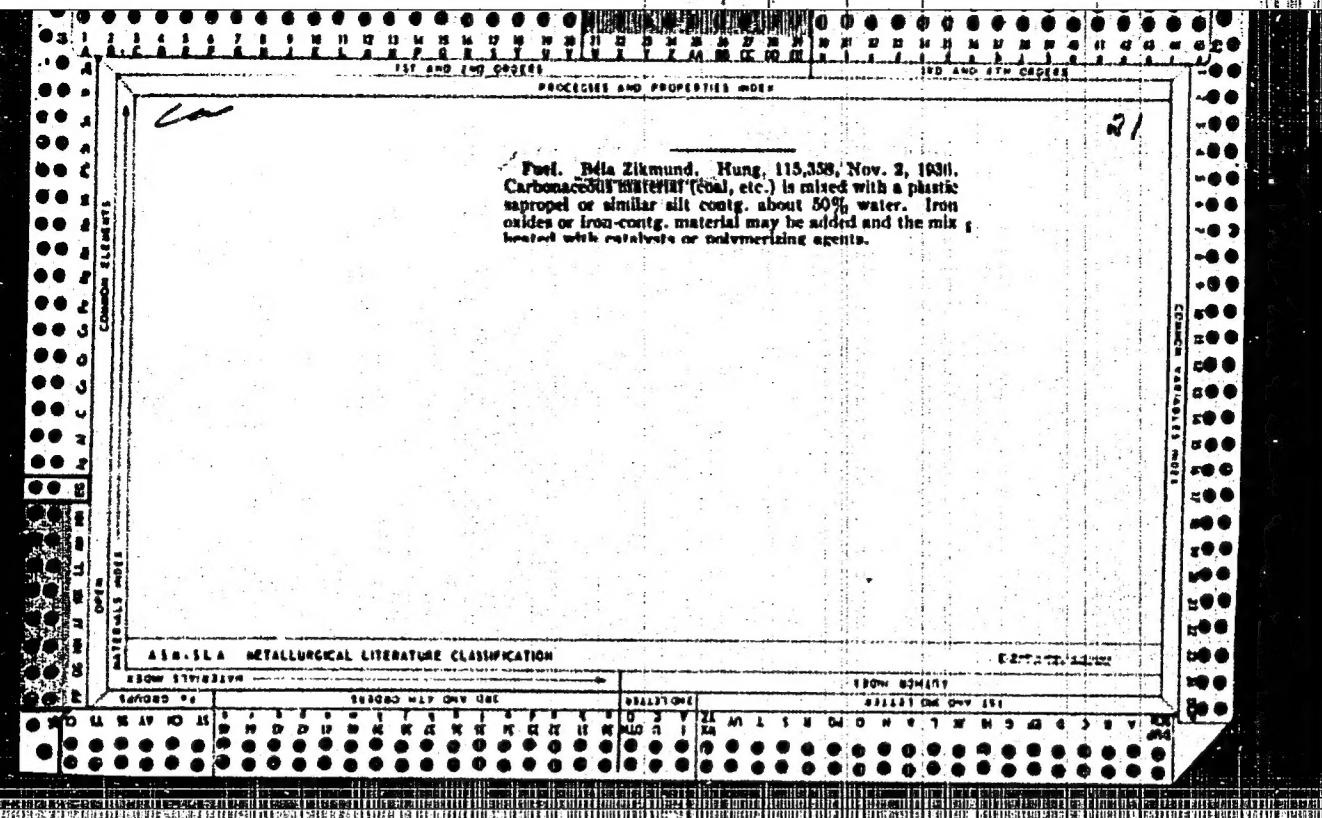
Erythropoiesis in some animals in connection with their age.  
Sbor. trud. Khar'. vet. inst. 21:94-104 '52. (MLRA 9:12)

1. Kafedra patologii i terapii Khar'kovskogo vetrovogo instituta.  
(Erythrocytes) (Age)

KOSEK, inz.; ZIKMUND, inz.

Plastic materials in metal grinding. Nova technika no.11:499-501  
N '60.

1. Vyzkumne pracoviste np. Karborundum.



BENESOVA, O.; KRECEK, J.; KRNECKOVA, J.; STERZL, J.; VAICENBACHER, V.;  
ZIMUND, H.

Effect of antihistaminic substances on the metabolism of glucides;  
study of the mechanism of the effect of antihistaminic substances.  
Cas. lek. cesk. 89 no.25:709-711 23 June 50. (CML 19:4)

1. Of the Institute for Control and Research SPOFA, of the Department  
for General Physiology (Head--Prof. F.Karasek, M.D.) of the Physio-  
logical Institute of the Medical Faculty at Charles University (Head--  
Prof. V.Laufberger, M.D.), and of the Institute for Medical Micro-  
biology and Immunology at Charles University (Head--Prof. F.Patocka,  
M.D.)

SKODA, V.; LORENC, E.; MISINGER, I.; TRNKA, V.; ZIKMUND, J.; KANKA, J.

Our experience with conization of the cervix uteri. Cas. lek.  
cesk. 104 no.3:79-83 22 Ja '65

1. II. gynekologicko-porodnicka klinika fakulty všeobecného  
lekarství Karlovy University v Praze (prednosta prof. J. Lukas,  
DrSc.).

ZIKMUND, E.; LACKO, J.; FOUSOVA, M.; ZEMANOVÁ, V.

Significance of experimental animals in standardization of insulin.  
Cesk. farm. 2 no.9:303-306 Sept 1953. (CIML 25:4)

1. Of the Insulin Station of the Pharmaceutical Institute in Prague.

FOIT, R.; ZIKMUND, E.; SIEREROVA, R.; PADE, Z.

Considerations on utilization of certain depot and mixture of insulin. Cas. lek. cesk. 95 no.51:1389-1394 21 Dec 56.

1. VUFB, reditel Dr. ing. M. Blum. KUF, reditel MgPh et RNDR Tomicek. II. int. odd. na Bulovce v Praze VIII, prednosta doc. Dr. R. Foit.

(INSULIN, administration,  
depot insulin & insulin mixtures (Cz))

ZIKMUND, Emil

JELINEK, Vaclav; POKORNÝ, Josef: ZIKMUND, Emil

Vasomotor activity of nicotinic acid combined with tetraethylammonium bromide. Cas. lek. česk. 91 no. 20: 597-599 16 May 52.

1. Z vyzkumného ústavu pro farmacie a biochemii v Praze XII a ze IV. int. kliniky Karlovy univerzity (predn. prof. MUDr B. Prusík) v Praze.

(NICOTINIC ACID, effects,  
on vasomotor activity, with tetraethylammonium bromide)

(TETRAETHYLAMMONIUM, effects,  
on vasomotor activity, with nicotinic acid)

KOURIM, P.; ZIKMUND, J.

Syntheses of organic compounds marked by isotopes. IV. Preparation  
of serine( $1-^{14}\text{C}$ ) and cycloserine-( $3-^{14}\text{C}$ ). Coll Cz Chem 26 no.3:  
717-723 Mr '61. (EEAI 10:9)

1. Institut fur Kernforschung, Tschechoslowakische Akademie der  
Wissenschaften, Prag.

(Serine) (Cycloserine) (Carbon) (Radioisotopes)

ZIKMUND, J.; DIVIS, J.

Mucoproteins in inflammations of the uterine adnexa. Cesk. gynek. 29 no. 3:196-198 Ap'64

l. II. gyn.-por.klin.fak.vseob.lek. KU v Praze; prednosta: prof.dr. J.Lukas, DrSc.

ZIKYNEK, J.

PHASE I BOOK EXPLOITATION

Z/6284

Jerie, Jan, ed., Engineer, Doctor, Corresponding Member of the Czechoslovak Academy of Sciences

Základní problémy ve stavbě spalovacích turbín (Basic Problems in the Construction of Gas Turbines [collection of articles]). Prague, Nakl. CAV, 1962. 627 p. 1600 copies printed.

Sponsoring Agency: Československá akademie věd.

Ed. of Publishing House: Marie Moravcová; Tech. Ed.: František Končický.

PURPOSE: The book is intended to familiarize turbine designers with recent developments in the design of gas turbines and to present some research results which may be helpful in designing more efficient turbines.

COVERAGE: The book comprises articles by leading Czechoslovak turbine experts on thermodynamic cycles, flow research in turbine components, burning of fuel in combustion chambers, axial compressors, and characteristics of turbines manufactured in Czechoslovakia.

Basic Problems in the Construction (Cont.)

6  
Z/6284

M. Hibš (State Research Institute for Heat Engineering, Prague). Aerodynamic Design of Inlet and Outlet Nozzles for Axial Compressors or Turbines

351

V. Kmoníček and M. Hibš. The Results of Experimental and Theoretical Research on Annular Diffusors

371

J. Hošek (Prague Machine Building Plant, Prague). A contribution to the Theory of Similitude in Fluid Flow

399

M. Randa and J. Zikmund (V. I. Lenin Plant, Plzeň). Axial Compressors Produced by the V. I. Lenin Plant in Plzeň

433

M. Kousal (Klement Gottwald First Brno Armament Plant, Brno). The Axial Compressor Built by the Klement Gottwald First Brno Armament Plant for the ST 675-1 Gas Turbine

445

Card 6/8-2/2

21 KM UND, J.

PHASE I BOOK EXPLOITATION

JUN 25 1984

42

Jarie, Jan, ed., Engineer, Doctor, Corresponding Member of the Czechoslovak Academy of Sciences

Základní problémy ve stavbě spalovacích turbín (Basic Problems in the Construction of Gas Turbines [collection of articles]). Prague, Nakl. CAV, 1962. 627 p. 1600 copies printed.

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Ed. of Publishing House: Marie Moravcová; Tech. Ed.: František Končický.

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COVERAGE: The book comprises articles by leading Czechoslovak turbine experts on thermodynamic cycles, flow research in turbine components.

Card 1/8

## Basic Problems in the Construction (Cont.)

2/6284

M. Hibš (State Research Institute for Heat Engineering, Prague). Aerodynamic Design of Inlet and Outlet Nozzles for Axial Compressors or Turbines	351
V. Kmoníček and M. Hibš. The Results of Experimental and Theoretical Research on Annular Diffusers	371
J. Hošek (Prague Machine Building Plant, Prague). A contribution to the Theory of Similitude in Fluid Flow	399
M. Randa and J. Zikmund (V. I. Lenin Plant, Plzeň). Axial Compressors Produced by the V. I. Lenin Plant in Plzeň	433
M. Kousal (Klement Gottwald First Brno Armament Plant, Brno). The Axial Compressor Built by the Klement Gottwald First Brno Armament Plant for the ST 675-1 Gas Turbine	445

Card 6/8

SKODA, V. (Praha 2, Apolinarska 18); MACKU, F.; MISINGER, I.; TRNKA, V.;  
ZIKMUND, J.

Reasons for hospitalization of gynecological patients over  
60 years of age. Cesk. gynek. 30 no.6:505-508 Ag '65.

1. II. gyn.-por. klin. fak. vseob. lek. Karlovy University  
v Praze (prednosta prof. dr. J. Lukas, DrSc.). Submitted  
December 29, 1964.

L 23653-66		EWP(e)/EWP(j)/T/ETO(m)-6	JD/WW/RM/WH/JA
ACC NR: AP6009349		(A,N)	SOURCE CODE: CZ/0073/65/000/011/0014/0014
AUTHOR: Kugler, Vaclev (Engineer; Prague); Zikmund, Josef (Pilsen)			
ORG: none			
TITLE: A new substance improving aluminum-base heat-resistant coatings. CZ Pat. No. PV 4368-63, Class 22g			
SOURCE: Vynalezy, no. 11, 1965, 14			
TOPIC TAGS: aluminum compound, heat resistant material, pigment			
ABSTRACT: Author Certificate has been issued for a coating substance that improves the protective properties of heat-resistant coatings. The substance is made of an aluminum-powder pigment, and aluminum resin or chelates as a binder, in which a thermally stable inorganic pigment is homogeneously dispersed. This pigment may range from 30 to 65 (wt %) of the aluminum oxide formed by the heat treatment. The pigment is surface treated by using 1 -- 8-wt % aliphatic acid or C <sub>12</sub> up to C <sub>18</sub> acids. [KP]			
SUB CODE: 11/		SUBM DATE: 30Jul63/	
Card1/1 PV			

CZECHOSLOVAKIA

ZIKMUND, J., Ing.

No affiliation given

Bratislava, Farmaceuticky obzor, No 10 [October] 1966, pp. 461-463

"Relationships in the planning and preparation of designs for  
constructing pharmacies."

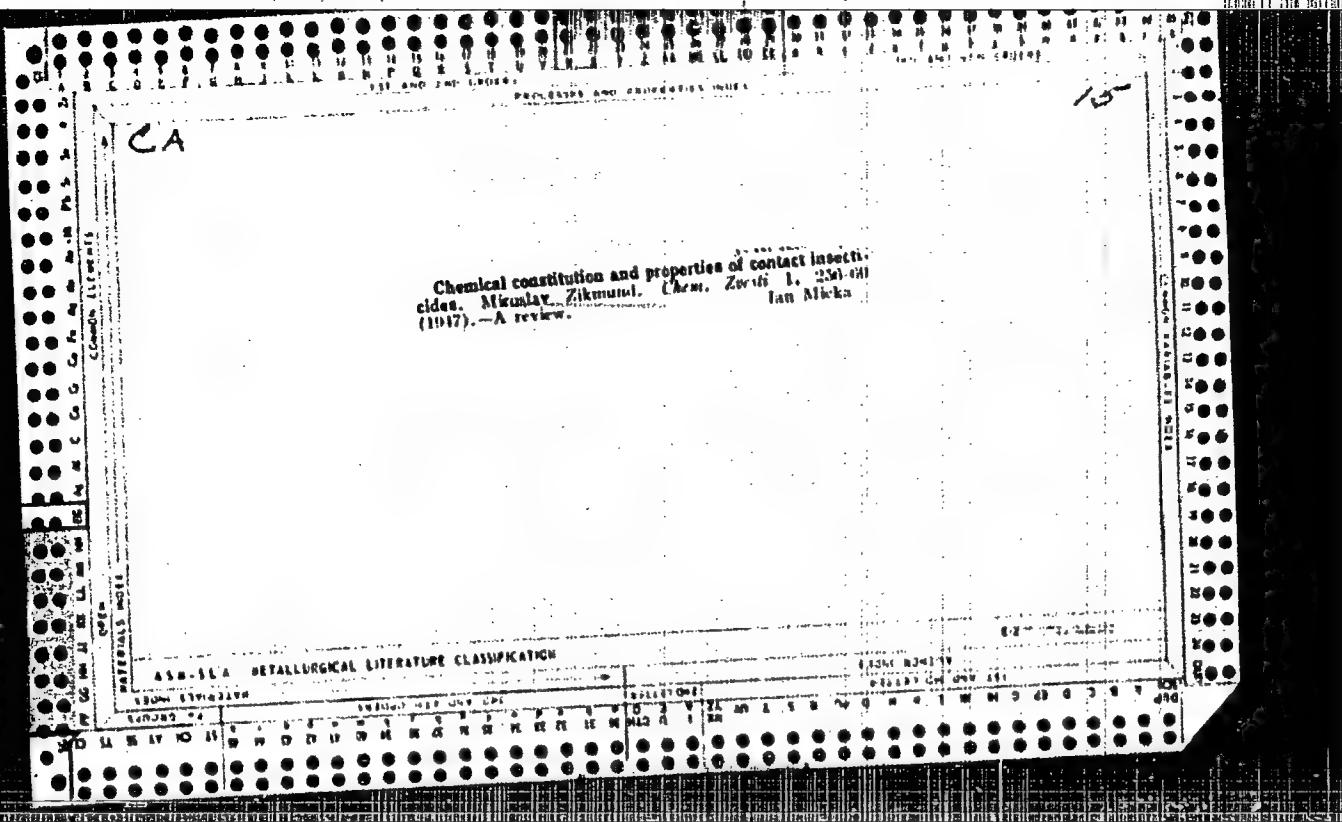
CZECHOSLOVAKIA

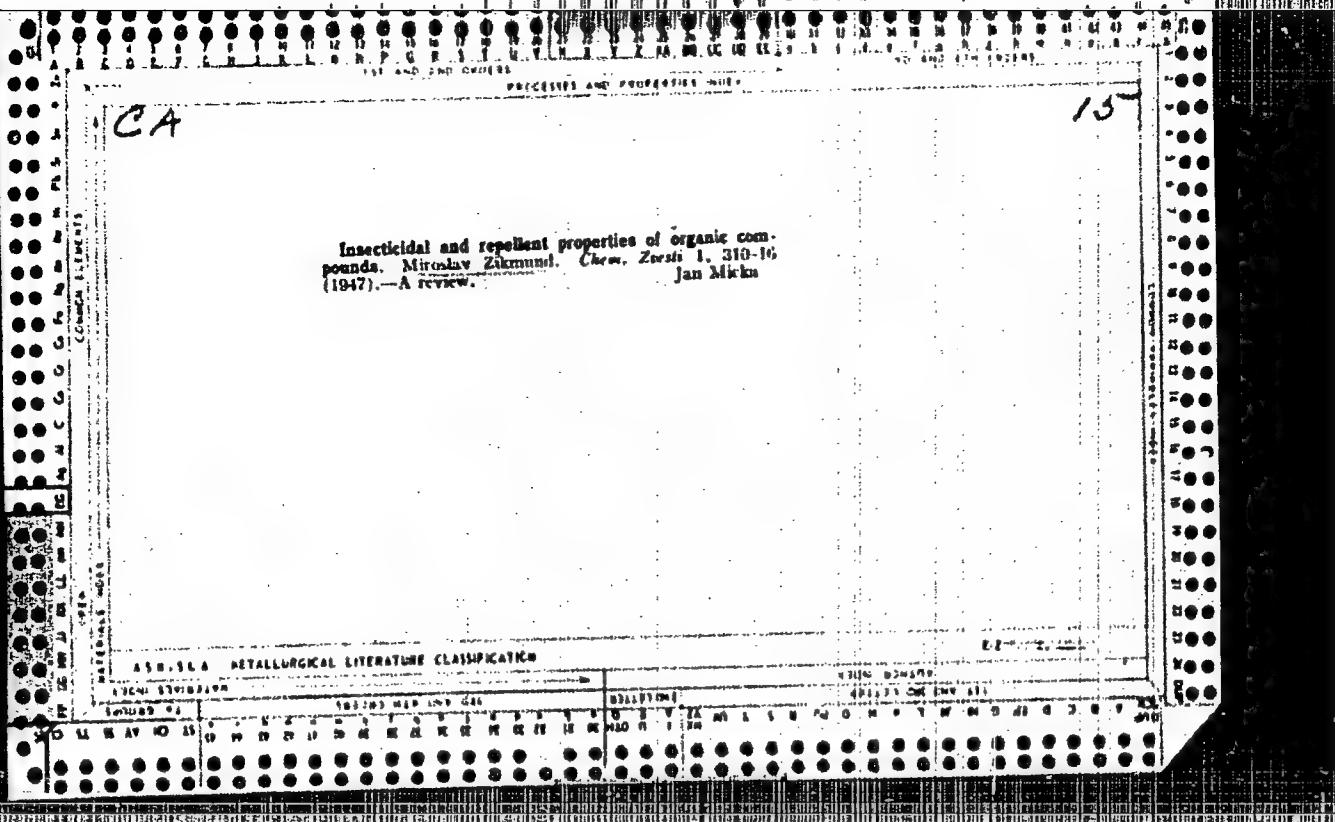
KUBIN, M; ZIKMUND, L

Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, Prague - (for both)

Prague, Collection of Czechoslovak Chemical Communications, No 2, February 1967, pp 535-544

"On the kinetics of inhibited polymerization."





ZIKMUND, M.; HANZELKA, J.

"Africa in Dreams and Reality." p. 443 (PRIRODA A SPOLOCHNOST. Vol. (2), No. 7, 1953; Praha, Czech.)

So: Monthly List of East European Accessions, (ETAL), LC, Vol. 4, No. 4, April 1955, Uncl..

ZIKMUND. M.

90 years of the periodic law. p. 137.

CHEMICKE ZVESTI. (Slovenska akademia cied a Spolok chemikov na Slovensku  
Bratislava, Czechoslovakia, Vol. 13, no. 3, 1959, March.

Monthly List of East European Accessions, (ERAI) LC, Vol. 8, No. 7, July 1959  
Uncle.

ZIKMUND, M.

"Africa in dreams and in reality." (p.759). "Jet-propelled boats." (p.768).  
PRIRODA A SPOLOCNOST. (Spolocnosť pre súrenie politických a vedeckých poznatkov na Slovensku) Martin. Vol. 2, No. 12, 1953.

SO: East European Accessions List, Vol. 3, No. 8, Aug 1954.

ZIKMUND, M.

Hanzelka, J.; Zikmund, M. "Concluding the Trip to South America." p. 16 (Svet  
Motoru, Vol. 7, no. 137, Jan. 1953, Praha)

SO: Monthly List of East European Accessions, Vol. 3, no. 2, Library of Congress,  
Feb. 1954, Uncl.

ZIKMUND, M.

Hanzelka, J.; Zikmund, M. "Costa Rica, A Rich Coast." p. 345 (Svet Motoru, Vol. 7, no. 147, June 1953, Praha)

SO: Monthly List of East European Accessions, Vol. 3, no. 2, Library of Congress, Feb. 1954, Uncl.

ZIKMUND, M.

HANZELKA, J.; ZIKMUND, M. "Through northern Guatemala To Mexico; a travel diary." (To be contd.) p. 572. (Svet Motoru. Vol. 7, no. 154, Sept. 1953. Praha.)

SO: Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954.  
Uncl.

HANZELKA, Jiri; ZIKMUND, Miroslav; IMZHOV, V.D. [translator]; POTEKHIN, I.I.,  
redaktor; RUBINSHTEIN, G.F., redaktor; FEL'DMAN, O.I., redaktor;  
NIKIFOROVA, A.N., tekhnicheskij redaktor

[Africa of dreams and of reality. Translated from the Czech] Afrika  
grez i deistvitel'snosti. Perevod s chechskogo V.D. Izhova. Red. I.I.  
Potekhina. Moskva, Izd-vo inostrannoi lit-ry, 1956. 277 p. (MLR 9:12)  
(Africa--Description and travel)

ZIKMUND, M.

"Advances in chemical physics", edited by I. Prigogine. Reviewed by M. Zikmund. Chem zvesti 19 no.1:63-64 '65.

1. Managing Editor, "Chemicke zvesti."

ZIKMUND, M.

"Chemical binding" by H. Hartmann. Reviewed by M. Zikmund.  
Cham zvesti 19 no.3:241 '65.

1. Managing Editor, "Chemické zvesti".

ZIKMUND, M.

"Inorganic polymer chemistry" by F.G.R.Gimblett. Reviewed by  
M.Zikmund. Chem zvesti 19 no.4:318-319 '65.

1. Managing Editor, and Editorial Board Chairman, "Chemicke  
zvesti."

ZIKMUND, M.

"Preparative inorganic reactions", edited by W.L.Jolly. Reviewed by M.Zikmund. Chem zvesti 19 no.4:321-322 '65.

1. Managing Editor, and Editorial Board Chairman, "Chemicke zvesti."

ZIKMUND, M.

An account of the Symposium on Structure and Properties of  
Coordination Compounds held in Bratislava. *Chemicke zvesti* 19  
no.3:243-248 '65.

1. Managing Editor, "Chemicke zvesti."

ZIKMUND, M.

"Chemical bonding and the geometry of molecules" by G.E. Ryschikewitsch.  
Reviewed by M. Zikmund. Chem zvesti 18 no.7:521-552 '64.

"Structural inorganic chemistry" by A.F. Wells. Reviewed by M. Zikmund.  
Ibid. 554-555 '64.

1. Managing editor, "Chemicke zvesti."

ZIKMUND, M.

"Reactions of coordinated ligands and homogeneous catalysis",  
edited by D.H. Busch. Reviewed by M. Zikmund. Chem zvesti  
18 no.10:792 '64.

1. Managing Editor, "Chemicke zvesti."

ZIKMUND, M.

"Progress in inorganic chemistry", edited by F.A.Cotton.  
Reviewed by M.Zikmund. Chem zvesti 18 no.10:793-794 '64.  
1. Managing Editor, "Chemicke zvesti."

ZIKMUND, M.

"Inorganic chemistry; a guide to advanced study" by R.H. Heslop,  
P.L. Robinson. Reviewed by M. Zikmund. Chem zvesti 18 no.4:  
307-308 '64

ZIKMUND, M.

"Inorganic chemistry" by I. Naray-Szabo. Vol. 2. Reviewed  
by M. Zikmund. Chem listy 58 no.1:38-39 Ja'64.

ZIKMUND, M.

"Physical chemistry" by E.A. Moelwyn-Hughes. Reviewed by M.  
Zikmund. Chem zvesti 17 no.1:57-60 Ja '63.

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ZIKMUND, M.

"Inorganic chemistry" by I. Naray-Szabol Vol. I. Reviewed by M.  
Zikmund. Coll Cz Chem 27 no.8:2023-2024 Ag '62.

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CIA-RDP86-00513R002065120005-0"

ZIKMUND, M.

"Absorption spectra and chemical bonding in complexes" by C.K. Jorgensen. Reviewed by M. Zikmund. Chem zvesti 18 no.5/6:468-469 '64.

"Infrared spectra of inorganic and coordination compounds" by K. Nakamoto. Reviewed by M. Zikmund. Ibid.:469-470

"Magnetism and the chemical bond" by J.B. Goodenough. Reviewed by M. Zikmund. Ibid.:470-471

"Adsorption and collective paramagnetism" by P.W. Selwood. Reviewed by M. Zikmund. Ibid.:471-472

"Inorganic polymers" edited F.G.A. Stone, W.A. Graham. Reviewed by M. Zikmund. Ibid.:473-475

"Developments in inorganic polymer chemistry" edited by M.F. Lappert, G.J. Leigh. Reviewed by M. Zikmund. Ibid.:473-475

ZIKMUND, M.

"Metal ions in aqueous solution" by J.P. Hunt. Reviewed by  
M. Zikmund. Chem zvesti 18 no.11:878-879 '64.

1. Managing editor, "Chemicke zvesti."

ZIKMUND, M.

"Nuclear magnetic resonance and its application in inorganic chemistry" by E. Fluck. Reviewed by M. Zikmund. Chem zvesti 18 no.11:875 '64.

1. Managing editor, "Chemicke zvesti."

GANZELKA, Irzhi [Hanzelka, Jiří]; ZIKMUND, Miroslav; RABIN, S. [translator];  
NAZAROV, R. [translator]; MALININA, G., red.; KURLIKOVA, L.,  
tekhn.red.

[There, beyond the river is Argentina] Tam, za rekou - Argentina.  
Moskva, Izd-vo TsK VLSM "Molodaia gvardia," 1959. 428 p.  
Translated from the Czech. (MIRA 13:4)

(Argentina--Description and travel)  
(Brazil--Description and travel)

GANZELKA, Irzhi [Hanzelka, Jiri]; ZIKMUND, Miroslav [Zikmunt, M.];  
SOUČEK, Muza [Translator]

Head-hunters. Znan., ta pratsia no.8:18-21 Ag '59.

(MIRA 13:2)

(Ecuador--Description and travel) (Jivaro Indians)

GANZELKA, Irzhi [Hanzelka, Jiri]; ZIKMUND, Miroslav; BABIN, S. [translator];  
NAZAROV, R. [translator]

[Across the Cordilleras; chapters from a book] Cherez Kordil'ery;  
glavy iz knigi. Moskva, Pravda, 1959. 63 p. (Biblioteka "Ogonek,"  
no.38). Translated from the Czech. (MIRA 12:12)

(South America--Description and travel)

ZIKMUND, MIROSLAV

CZECHOSLOVAKIA/Inorganic Chemistry. Complex Compounds.

C

Abs Jour: Ref. Zhur. Khimii, No 1, 1958, 655.

Author : Zikmund Miroslav

Inst : \_\_\_\_\_

Title : A Few Remarks Relating to the Problems of Nomenclature of  
Inorganic Compounds.

Orig Pub: Chem. zvesti, 1957, 11, No 4, 242-244.

Abstract: No abstract.

Card : 1/1

-2-

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ZIKMUND, M.

CZECHOSLOVAKIA/Inorganic Chemistry - Complex Compounds,

C.

Abs Jour : Ref Zhur - Khimiya, No 10, 1958, 31945

Author : M. Zikmund

Inst :   

Title : Proposed Revision of Nomenclature of Inorganic Compounds.

Orig Pub : Chem. zvesti, 1957, 11, No 7, 446-448

Abstract : No abstract.

ZIKMUND, M.

CZECHOSLOVAKIA/Inorganic Chemistry - Complex Compounds.

C.

Abs Jour : Ref Zhur - Khimiya, No 10, 1958, 31946

Author : M. Zikmund

Inst : Academy of Sciences of Slovakia.

Title : Conference on Inorganic Chemistry of May 2 to 4, 1957  
(Organized by the Academy of Sciences of Slovakia).

Craig Pub : Chem. zvesti, 1957, 11, No 7, 449-453

Abstract : No abstract.

Card 1/1

ZIKMUND, M.

CZECHOSLOVAKIA / Physical Chemistry. Solutions.  
Theory of Acids and Bases.

B

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 63846

Author : Zikmund Miroslav

Inst : Not given

Title : Spectral Photometric Investigation of Solutions  
of Chromium Alum. Part I. The Change of  
Light Absorption During Heating.

Orig Pub: Chem. zvesti, 1957, 11, No 9, 528-535

Abstract: The influence of temperature (20-100°) on the light absorption of freshly prepared solutions of chromium alums (I) in  $H_2O$ , 0.01-1n- $H_2SO_4$ , 1n- $HNO_3$  and 1n- $HCLO_4$ , was investigated. During the dissolving of I the cation converts the coating into a solution in the form of a preserved aqueous complex  $[Cr(H_2O_6)]^{3+}$ (violet)

Card 1/3

CZECHOSLOVAKIA / Physical Chemistry. Solutions.  
Theory of Acids and Bases.

B

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 63846

Abstract: modification). Heating the solution, by increasing the degree of hydrolysis, causes the conversion of I into a green modification, particularized by the change of the  $H_2O$  molecules by anions to the internal coordinate sphere of the cation. During heating, the  $H_2O$  molecules are primarily changed by the ions  $OH^-$ ; in addition, the conditions are created for the displacement of the  $H_2O$  molecules more distant from  $Cr^{3+}$  by  $SO_4^{2-}$  ions. With an increase of the  $H_2SO_4$  concentration, the rate of change of the  $H_2O$  molecules by anions is decreased, owing to

Card 2/3

ZIKMUND M.  
CZECHOSLOVAKIA / Physical Chemistry. Solutions. Theory B  
of Acids and Bases.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 66939.

Author : Zikmund M.

Inst : Not given.

Title : Spectrophotometrical Investigation of the Chromium Alum Solutions. Part II. Changes with Aging.

Orig Pub: Chem. zvesti, 1957, 11, No 10, 569-574

Abstract: Absorption of the chromium alum solution (I) in  $H_2O$ ,  $H_2SO_4$ ,  $HNO_3$ , and  $HCLO_4$  was investigated employing visible range of spectrum (5600-6100 Å) over an extended period (330 days). The observed change in the absorption spectra were affected by time and age of solutions as systems gradually approached equilibrium involving ions of  $[Cr(H_2O)_6]^{3+}$  (II) and anions of the replacement products. The

Card 1/2

CZECHOSLOVAKIA/Inorganic Chemistry. Complex Compounds.

C

Abs Jour: Ref Zhur-Khim., No 23, 1958, 76908.

Author : Zikmund Miroslav.

Inst :

Title : Basic Problems of Scientific Research in Field of  
Inorganic Chemistry.

Orig Pub: Nasa veda, 1958, 5, No 4, 152-155.

Abstract: No abstract.

Card : 1/1

2

CZECHOSLOVAKIA/Inorganic Chemistry. Complex Compounds.

C

Abs Jour: Ref Zhur-Khim., No 23, 1958, 76914.

Author : Zikmund, Miroslav.

Inst :

Title : Names of Elements of Atom Numbers 99, 100, 101 and 102.

Orig Pub: Chem. zvesti, 1958, 12, No 3, 194.

Abstract: No abstract.

Card : 1/1

~~ZIXMUND~~ [name] CANZELKA, Irshi [Hanzelka, Jiri]; BABIN, S.  
[translator]; NAZAROV, R. [translator]; KLYUYEVA, B.,  
red.; MIKHAYLOVSKAYA, N., tekhn. red.

[Half-moon turned over] Perevernutyi polumesiats. Moskva,  
Molodaia gvardiia, 1963. 341 p. (MIRA 16:8)

Abridged translation from the Czech.

(Balkan Peninsula--Description and travel)  
(Near East--Description and travel)

EDWARD, Jiroslav  
SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: Engr, C. Sc. /Candidate of Sciences/

Affiliation: Institute of Inorganic Chemistry, SAV /Slovenska akademia vied;  
Slovak Academy of Sciences/ (Ustav anorganické chemie SAV), Bratislava

Source: Bratislava, Nasa Veda, Vol VIII, No 10, 1961; pp 628-630.

Data: "Chemistry in the Twentieth Century."

GPO 901643

GANZELKA, Irzhi [Hanzelka, Jiri]; ZIKMUND, Miroslav; BABIN, S. [translator];  
NAZAROV, R. [translator]; MALININA, G., red.; KURLYKOVA, L.,  
tekhn.red.

[Across the Cordilleras] Cherez Kordil'ery. Moskva, Izd-vo TsK  
VLSM "Molodaia gvardiia," 1960. 348 p. Translated from the Czech.  
(MIRA 13:9)

(Bolivia--Description and travel) (Peru--Description and travel)  
(Guanaja Islands--Description and travel)

POGADY, J.; JANIK, A.; ZEMAN, L.; ZIKMUND, V., Bratislava, KUNY,  
Mickiewicsova 13

Contribution to the therapy of alcoholism with apomorphine. Lek.  
obzor 3 no.5:278-281 1954.

1. Z Psychiatrickej kliniky SU v Bratislave  
(ALCOHOLISM, therapy  
apomorphine)  
(APOMORPHINE, ther. use  
alcoholism)

GUENSBERGER, E.; ZIKMUND, V.

Conditioned optokinetic nystagmus. Cesk. fysiol. 5 no.3:  
381-387 1956.

1. Psychiatricka, klinika UK, Bratislava.

(REFLEX, CONDITIONED,

conditioned optokinetic nystagmus (Ok))

(NYSTAGMUS,

same)

Z/144 EXCERPTA MEDICA Sec.3 Vol.10/8 Neurology,etc. Aug 57

3692. ZIKMUND V. Psychiat. LFUK, Bratislava. "Príspevok k liečbe alkoholizmu hypnózou. Contribution towards the treatment of alcoholism by means of hypnosis BRATISLAVSKÉ LÉKÁRS. LISTY 1956, 36/5 (267-274)

Twenty-five dipsomaniac out-patients were subjected to a hypnotic detoxication cure. In 20 patients an anti-alcoholic attitude was suggested during a superficial hypnotic slumber which was turned into a normal sleep of 15 to 20 min. After awakening, persuasion treatment was applied. In 5 exceptionally severe cases the method was modified in such a way that during the hypnotic state vomiting on alcoholic olfactory and gustatory irritations was verbally provoked, after which the patient was left in a quiet hypnotic sleep of 15 to 20 min. duration. The procedure lasted from 50 to 60 min. During the 2 or 3 first sessions a post-hypnotic command was given concerning the use of alcohol. The 1st variant of the treatment was effected in 4 to 8, the 2nd in 4 to 12 sessions taking place once a week. The choice

3692

of the patients was made according to 3 criteria: (1) contraindication to emetina-apomorphine; (2) ineffectiveness of the usual cure; (3) cases in which hypnotic treatment 'was most promising'. Out of the 25 dipsomaniacs treated this way, 12 of whom had been diagnosed as chronic cases, 5 abstained after this treatment; 2 of them for more than a year, 2 for more than half a year. (The abstinence period of the 5th patient could not be ascertained.) Twelve are considered as socially adapted since they do not drink to excess more than once or twice a year. In 6 cases the therapy was unsuccessful, and in 2 patients catamnestic follow-up was not possible. Older experiments are quoted concerning methods based on similar principles.

Freund - Prague

BURIAN, V.; ZIKMUND, V.; TUCEK, Jiri

Epidemiology in an obstetric-newborn ward. Cesk. pediat.  
12 no.3:208-214 Mar 57.

1. Krajska hygienicko-epidemiologicka stanice v Liberci.  
Reditel MUDr. J. Tucek.

(MICROCOCCAL INFECTIONS, in inf. & child  
epidemiol. in obstetric-newborn ward (Cz))  
(INFANT, NEWBORN, dis.)

micrococcal infect., epidemiol. in obstetric-newborn  
ward (Cz))

EXCERPTA MEDICA Sec 8 Vol 12/10 Neurology Oct 59

5417. HYPNOSIS IN TREATMENT OF RAYNAUD'S DISEASE - K možnosti  
použitia hypnózy pri liečbe Raynaudovej choroby - Zikmund V. and  
Ondrejčák M. - LEK. OBZ, 1958, 7/2 (107-111)  
In the 4 females treated the vascular spasms were favourably influenced. One case  
is discussed in detail. (VI, 8, 9)

ZIKMUND, V.; BURIAN, V.; ZIKMUNDOVA, V.; MAHECENK, J.; MASAK, V.

Extended epidemic of salmonellosis caused by *Salmonella typhi*  
murium in a regional town. *Cesk. epidem. mikrob. imun.* 8 no.4:  
267-272 July 59

1. Krajska hyg. stanice v Liberci.--Mestska hyg. epid. stanice v  
Liberci -- Infekcni odd. KUNZ v Liberci,  
(*SALMONELLA INFECTIONS, epidemiol.*)

ADAM, E.; BURIAN, V.; KUBATOVA, E.; DOLEJSI, H.; DVORAK, K.; SKVRNOVA, K.;  
ZIKMUND, V.

Vaccination of susceptible adults against influenza with inactivated vaccine. Cas. lek. cesk. 104 no.23:614-621 11 Je'65.

1. Ustav ser a ockovacich latek (klin. epid. odbor) v Praze (reditel: dr. J. Malek); Vyzkumny ustav experimentalni terapie v Praze (reditel: prof. dr. O. Smahel); Ustav epidemiologie a mikrobiologie v Praze (reditel: prof. dr. K. Raska); Interni oddeleni nemocnice ve Inarich (vedouci: MUDr. K. Dvorak); Okresni hygienicko-epidemiologicka stanice v Liberci (reditel: MUDr. J. Marecek).

ZIKMUND, V. (Bratislava, Sienkiewiczova 1)

Relation between physiological and psychological indices of the  
visual imagery of a motion stimulus pattern. Activ. nerv. sup.  
(Praha) 7 no.2 1979 '65

1. Institute of Experimental Medicine, SAV, Bratislava, Sienkiewiczova,

ZIKMUND, V.; VISSEK, P.

Effect of evocation of a visual image of the unconditioned stimulus on elaboration of conditioned optokinetic nystagmus.  
Physiol. Bohemoslov. 13 no.2:202-206 '64

1. Institute of Experimental Medicine, Slovak Academy of Sciences, Bratislava, and Laboratory of Physiology, University of Amsterdam.

ZIKMUND, V.

Objective manifestation of unconditioned stimulus imagination  
and its influence on forming conditioned optokinetic nystagms.  
Activ.nerv. sup. 6 no.1:64 '64

ZIKMUND, V.

Some physiological characteristics of natural and hypnotic  
sleep in man. Physiol. Bohemoslov. 13 no.2:196-201 '64

1. Institute of Experimental Medicine, Slovak Academy of  
Sciences, Bratislava.

\*

ZIKMUND, V.; LICHARDUS, B.

Effects of psychic stimuli on water economy in man. Activ. nerv. sup.  
4 no.3/4:383-387 '62.

1. Institute of Experimental Medicine and Institute of Endocrinology  
The Slovak Academy of Sciences, Bratislava.  
(DIURESIS) (THIRST) (HYPNOSIS) (SUGGESTION)

ZIKMUND, M.

"Inorganic chemistry" by H.Remy. Reviewed by M.Zikmund.  
Jaderna energie 8 no.9:340 S '62.

ZIKMUND, M.

"Perchlorates, their properties, manufacture and uses" by  
J.C. Schumacher. Reviewed by M. Zikmund. Chem Revs  
16 no.7:577-578 J1 '62.

ZIKMUND, V.

Role of biographical data in the study of psychosomatic relations.  
Activ. nerv. sup. 4 no.2:172 '62.

1. Ustav experimentalnej mediciny SAV, Bratislava.

(PSYCHOSOMATIC MEDICINE)

ZIRKUND, v.

ZIKMUND VI

BRIEFLISTE, BRASSLARKE LEXIKON 1913, VOL III, NO 4  
(continued)

6. Graduation Tests from the Point of View of Toxicology  
N. S. KUTA or the Biopharmacological Institute,  
Academy of Medical Sciences, Moscow Academy of Sci-  
ences (See No 57, Praktika, pp. 262-273),  
doctors of Sciences), directors, pp. 262-273.

7. Specialist Twenty Years After: M. S. SITENINA or the Institute  
of Pathology and Microbiology (new address:  
102, Microbiology), Praktika (See No 57, pp. 274-281),  
doctors, and V. V. VASIL'EV of the Chair of Technical Micro-  
biology and Biotechnology (Institute of Chemical Technology,  
Sverdlovsk), Praktika (See No 57, pp. 282-289),  
Sverdlovsk Institute of Technology (Sverdlovsk), Praktika (See No 57, pp. 290-297),  
B. V. KERZNER, Corresponding Member of the  
USSR, Praktika (See No 57, pp. 298-305).

8. Report on the Activities of the I. P. Pavlov Cytobiological  
and Medical Society (Chairman, L. A. GOR'KOV; Praktika  
(See No 57, pp. 306-313), Praktika (See No 57, pp. 314-315),  
G. V. KERZNER (See No 57, pp. 316-317).

9. Praktika International Congress on Psychobiotherapy in Vienna  
(See No 57, pp. 318-325).

10. Prizes for Scientific Work awarded by I. S. PUDOV'KIN Cen-  
tral Scientific Medical Society, Prof. Dr. J. I. HOV and Profs.  
Dr. J. V. VASIL'EV, Secretary and Chairman of the Society,  
pp. 255-260.

5

ZIKMUND, V.

On the importance of psychosomatic factors in Buerger's disease and  
in Raynaud's disease. Bratisl. lek. listy 42 no.8:481-491 '62.

1. Z oddelenia klinickej fyziologie ustavu experimentalnej mediciny  
SAV, riaditeľ člen koresp. SAV J. Antal.

(THROMBOANGIITIS OBLITERANS psychol)  
(RAYNAUD'S DISEASE psychol)

43153-66

ACC NR: AP6005667

AUTHOR: Zikmund, V.

ORG: Institute for Experimental Medicine, Slovak Academy of Sciences, Bratislava  
TITLE: Relation between physiological and psychological indices of the visual imagery of a motion stimulus pattern [This paper was presented at the Third Interdisciplinary Conference on Experimental and Clinical Study of Higher Nervous Functions held in Marianske Lazne from 19 to 23 October 1964.]SOURCE CODE: CZ/0079/55/007/002/0179/0179  
B

SOURCE: Activitas nervosa superior, v. 7, no. 2, 1965, 179

TOPIC TAGS: man, vision, human physiology, psychology

ABSTRACT: Relation between the subjective feeling of the presence of a sensory experience during visual imagery and the presence of nystagmic eye movements during visual imagery was investigated in a group of 22 college students. Almost half showed the presence of signalization and nystagmic movements of the eye; one-third showed presence of signalization and nystagmic eye movements, the rest (one sixth) had neither the signalization, nor the movements. (JPRS)

SUB CODE: 06, 05 / SUBM DATE: none

Card 1/1 HW

ZIKMUND, Vaclav

The big resort circle in western Bohemia; a guidebook for tourists. 2d rev. and enl. ed  
illus., maps.

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

ZIKMUND, O.

An attempt at objectively calculating the amount of precipitation. In English.  
p. 281.

STUDIA GEOPHYSICA ET GEODETICA. (Ceskoslovenska akademie ved. Geofysikalni ustav)  
Praha, Czechoslovakia, Vol. 3, no. 3, 1959.

Monthly List of East European Acquisitions (EEAI), LC, Vol. 8, no. 11, Nov. 1959  
uncl.

2/023/60/004/002/008/009

AUTHOR: Zikmund, Otakar

TITLE: Results of Graphical Forecast of 500-Millibar Contour Patterns

PERIODICAL: Studia Geophysica et Geodaetica, 1960, Vol. 4, No. 2,  
pp. 184 - 195

TEXT: An increased activity of meteorological services concentrated recently on objective forecasting. The initial material for the article was supplied by the contour analyses of the Czechoslovak Forecasting Service in January and February 1957. Preparation of one forecast of the 500-mb level took 3.5 to 5 hours. A good forecast usually has a high "skill factor" and also a correlation coefficient between predicted and observed height changes. The correlation coefficient R between predicted and observed height of the pressure surface 500-mb should be mentioned. It is presumed that in some cases the coefficient causes a certain inaccuracy in the forecast. The relative errors sometimes are very high and even exceed 1. The problem of accuracy and applicability of the barotropic model in various weather situations was not solved, but it should be noted that a poor barotropic forecast can not be expected always on days when the weath-

0 Card 1/2

CIA-RDP86-00513R0020651200

ZEMUNDA, O.

Weather forecasting on the days of November 9-11, 1950, by  
the Sutcliffe development method. p. 100. METEOROLOGICKE ZFRAVY. Vol. 6, No. 4.  
Sept. 1953

SOURCE: East European Accessions List. (EEAL), LC, Vol. 5, No. 3, March 1956

ZIKMUNDA, O

SURNAME (in caps); Given Name

Country: Czechoslovakia

Academic Degrees: [not given]

Affiliation: [Presumed: Hydrometeorological Institute (Hydrometeorologicky  
Institut), Laboratory of Meteorology of the Czechoslovak Academy  
of Sciences (Laboratorium meteorologie CSAV)]

Source: Prague, Meteorologické Zpravy, Vol XIV, No 3, 30 June 1961,

Data: pp 53-57

"Graphic Forecasting Methods in Synoptic Meteorology.  
I. Basic Problems of Graphic Integration."

Authors:

SKODA, M.

ZIKMUNDA, O

z/023/62/000/002/001/001  
D006/D102

AUTHORS:

Vítek, Vojtěch, and Zíkmunda, Otakar

TITLE:

A proposal of a method for objective forecast of the 300-mb level

PERIODICAL:

Studia geophysica et geodaetica, no. 2, 1962, 202-205

TEXT: A prognostic equation for forecasting the changes in the 300-mb isobaric level is developed. Introducing specified simplifying conditions, this equation is reduced to a very simple expression which lends itself readily to graphical integration. A statistical evaluation of some forecasts made according to this method indicates that the calculated correlation coefficients are approximately comparable to those of the 500-mb level, but the mean square errors are larger. A final conclusion as to the adequacy of the method cannot be made at the present time due to the small number of tests made so far. The tests are being continued to determine to what extent the found errors were due to a random selection of weather situations. The theory of this method was originally presented at a seminar of the Hydrometeorological Institute held on January 13, 1960.

Card 1/2

A proposal of a method ...

Z/023/62/000/002/001/001  
D006/D102

in Prague. There are 2 figures and 2 tables. (Technical editor: S. Brandejs)

ASSOCIATION: Laboratory for Meteorology, Czechoslovak Academy of Sciences,  
Prague

SUBMITTED: September 9, 1961

Card 2/2

MALON, S.; VITEK, V.; ZIKMUNDA, O.

Numerical forecast of the pressure field in the middle troposphere by means of the Ural 1 computer. Meteor zpravy 16 no.5: 118-123 0'63.

SKODA, M.; ZIKMUNDA, O.

Graphic forecasting methods in synoptic meteorology. Pt. 2.  
Meteor spravy 15 no. 3/4:90-94 Ag '62.

1. Hydrometeorologicky ustav, Laborator meteorologie,  
Ceskoslovenska akademie ved.

21kmvnpa-G.

✓ 2733. Brandes, S., and Zitkouds, O., Numerical and graphical forecasting of the surface pressure field (in German), Z. Meteor.  
11, 10/11, 305-311, Oct./Nov. 1957.  
Authors, from Charles University in Prague, describe a method of numerical forecasting a 1000-mb chart and a thickness which is essentially that of Sawyer and Bushby. No examples of actual forecasts are given.

M. G. Wurtele, USA

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"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065120005-0

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065120005-0"

S/169/62/000/012/052/095  
D228/D307

AUTHOR: Zilmunda, Otakar

TITLE: Some problems connected with forecasting the 1000-mb  
surface graphically

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 12, 1962, 51,  
abstract 128331 (Geofys. sb., no. 126-145, 1960  
(1961), 529-542 (summaries in Czech and Eng.))

TEXT: Results are given for a comparison of the graphic  
integration of two types of forecasting equation for the 1000-mb  
surface, and the influence of different factors on changes in the  
height of this surface is also considered. It is shown that the  
influence of stable stratification on near-ground pressure changes  
can be expressed empirically with sufficient precision. It is also  
shown that the accuracy of ways of integrating the equation (with  
respect to the field of  $h$  and  $\bar{h}$ , where  $h$  is the thickness of the  
layer 1000-500 mb and  $\bar{h}$  is the spatial mean) are the same, and that,  
on an average, only small errors result from replacing the field of

Card 1/2

Some problems ...

S/169/62/000/012/052/095  
D228/D307

transfer of  $h$  by the field of  $h$  Abstracter's note: One of the  $h$  symbols is misprinted. The movement of near-ground pressure formations has the greatest influence on changes in the height of the 1000-mb surface.

Abstracter's note: Complete translation

Card 2/2

ZIKMUNDA, Otakar

Ways of improving graphical forecasts of absolute topography  
of 500 mb. Studia geophys 8 no. 3:287-296 '64.

1. Institute of Meteorology, Charles University, Prague 2-  
Nove Mesto, Ke Karlovu 3.

ZIKMUNDA, Otakar; GOTZ, Gusztav [translator]

Faults in the graphic barotropic forecast of the 500 mb absolute topography in the environment of the Carpathian Mountains.  
Idojaras 66 no.3:135-138 My-Je '62.

1. Csehszlovak Tudomanyos Akademia Meteorologial Laboratoriuma tudomanyos munkatarsa, Prague, Czechoslovakia (for Zikmunda).

S. 169/63 ROC/334/040/-27  
2403/D307

AUTHOR: Ziskanová, J.

TITLE: Errors of the graphical barotropic forecast for the  
500 mb level in the region of the Carpathians

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 4, 1963, 58, ab-  
stract 2B509 (Izogáráás, v. 66, no. 3, 135-138, 1962  
(Hung.: summaries in Rus. and Ger.))

TEXT: Verifying tests showed that even when considerable errors  
exist for Western Europe, the Atlantic Ocean and Iceland, the fore-  
casts for the Carpathian region may be fully satisfactory. Forecast  
accuracy depends largely on the season: in winter the errors are  
greater than in the summer. The mountain massif of the Carpathians  
is not the source of fundamental errors of forecasts for the 500 mb  
level. (Abstracted from: Complete translation.)

Card 1/1

VITEK, Vojtech; ZIKMUNDA, Otakar

Draft of a method for objective evaluation of a 300 mb surface.  
Studia geophys 6 no.2:202-205 '62.

1. Laboratorium fur Meteorologie der Tschechoslowakischen  
Akademie der Wissenschaften, Bonni II, Praha 4 - Sporilov.

ZIMUNDA, O.

Forecasting the height of the isobaric surface 1000 mb by a graphic method, In Russian.

p 157 (Studia Geophysica Et Geodaestica) Vol 1 no 1 1957. Praha, Czechoslovakia.

SO: Monthly Index of East European Accessions j(EEAI) LC, Vol. 7, no 1 Jan 1958